

The Joint Simulation System (JSIMS)

DESCRIPTION

The Joint Simulation System (JSIMS), when fully developed, will be the flagship program of the next generation of constructive models. JSIMS is a single, seamlessly integrated simulation environment that includes a core of common and joint representations and services, a run time hardware and software infrastructure, and interfaces augmented by representations of air, space, land and maritime warfare functionally residing in a common repository. These can be composed to create a simulation capability to support joint or Service training, rehearsal, or education objectives. JSIMS will provide not only an improved capability for inter-Service operability, but also an enhanced Joint Battle-Staff Training Capability for the Warfighting CINCs. At IOC, JSIMS will, at a minimum, replace the useful training functionality of the 1998 Joint Training Confederation as defined by the CINCs and Services. At IOC, JSIMS will focus on support for training at the strategic-theater and operational levels of war for unified combatant command staffs, Joint Task Force (JTF) commander and staff, and JTF component commanders and staffs. At FOC, JSIMS will provide a comprehensive and accredited JSB, spanning strategic-national levels down to tactical levels. At FOC, JSIMS will support all warfare domains in all phases of operations (mobilization, deployment, employment, sustainment, and redeployment).

PROCUREMENT PROFILE:	FY00	FY01
<i>Quantity:</i>	<i>0</i>	<i>TBD</i>

OPERATIONAL IMPACT

The FOC version of JSIMS will also be suitable for supporting training and preparation for all tasks identified in the UJTL. By FOC, JSIMS will have evolved fully to support professional military and senior officer education, mission planning, mission rehearsal, and doctrine development. At maturity, JSIMS will allow globally dispersed forces, including deployed U.S. forces, R&D test facilities and ranges, defense educational institutions, reserve components, U.S. Government agencies, allies, and multinational forces to participate simultaneously in multi-echelon, simulation-assisted training events.

PROGRAM STATUS

JSIMS is currently in phase I. IOC is planned for FY01 with FOC in FY04.

DEVELOPER/MANUFACTURER

TBD